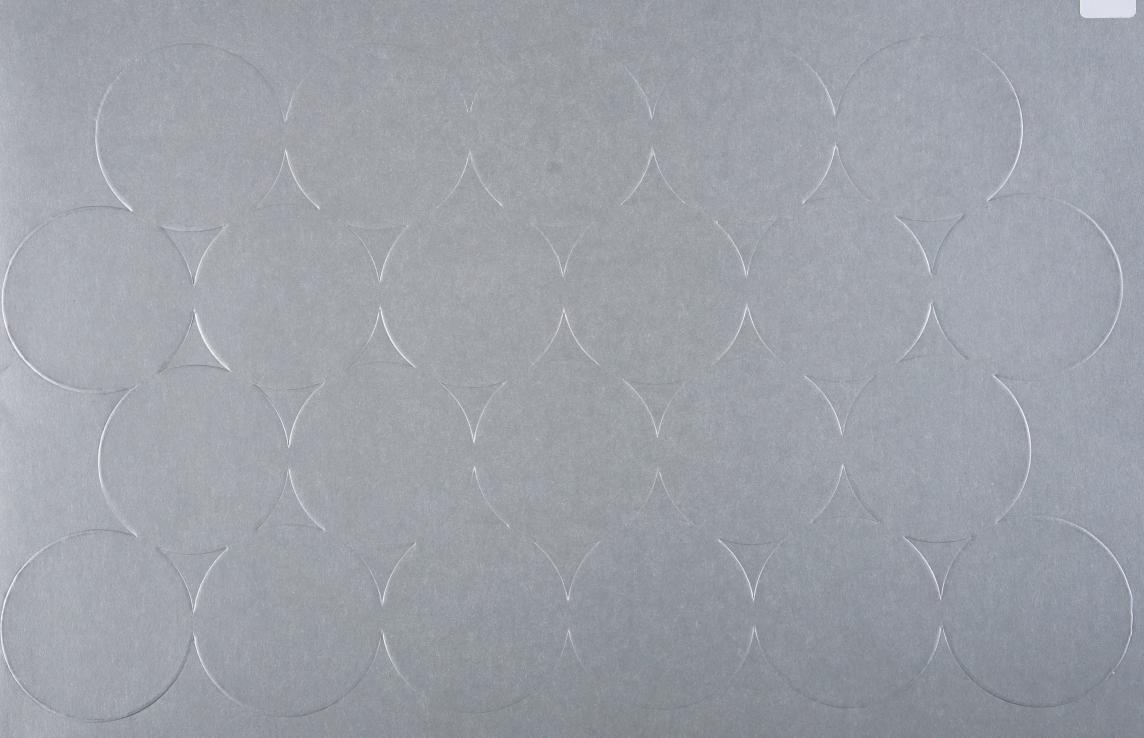
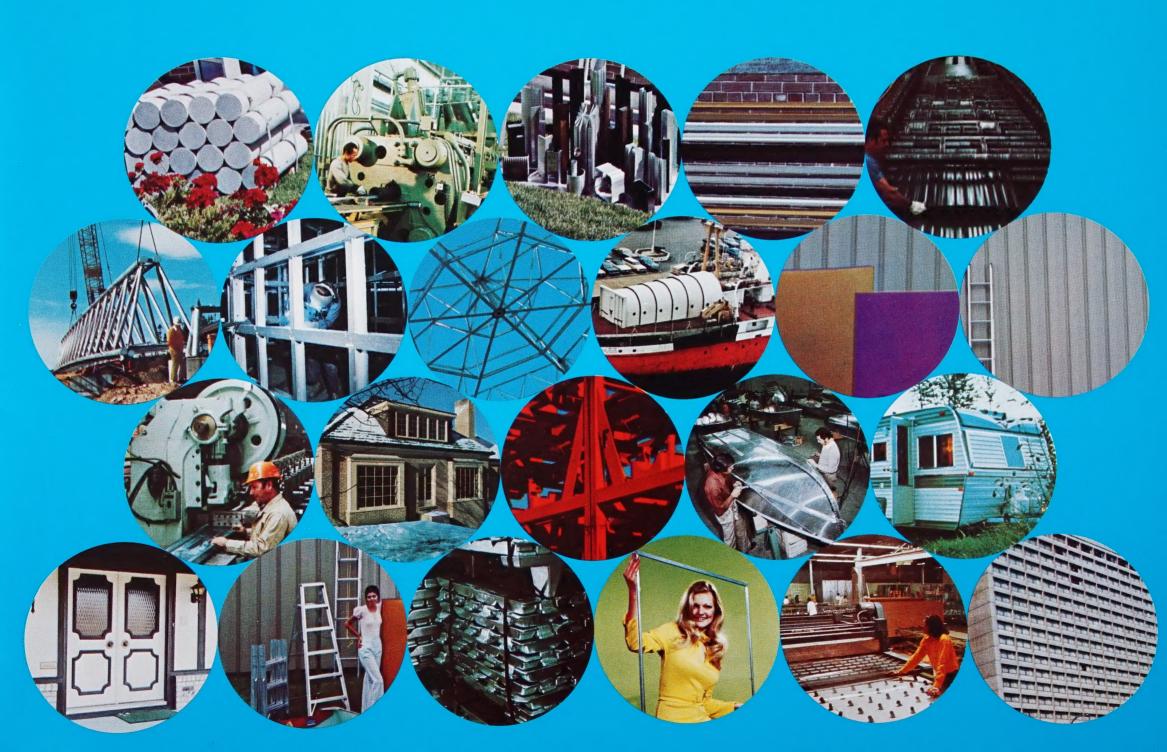
# 1 This is INDAL



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# This is INDAL



# INDAL CANADA LIMITED OPERATING SUBSIDIARIES AND DIVISIONS

AIRLITE GLASS INSULATING LIMITED, Toronto

**ALUMIPRIME DIVISION**, Toronto

BRAMPTON ALUMINUM PRODUCTS LIMITED
Brampton

CELWOOD PLASTICS LTD.,
Toronto

COMMERCIAL ALUMINUM
DIVISION, Toronto

CUSTOM ROLLFORMING COMPANY LIMITED, Toronto

CUSTOM ZINC DIE CASTING LIMITED, Toronto

**DOMINION ALUMINUM FABRICATING LIMITED,**Toronto

**DOMINION BRONZE LIMITED,** Winnipeg

**EASTLAND METALS LTD.,** Mississauga, Ontario

FABRICATED STEEL PRODUCTS (WINDSOR) LIMITED, Windsor

FAIRMONT PLATING (ALTA) LTD., Edmonton, Calgary, Regina, Saskatoon, Vancouver

FAIRMONT PLATING (MAN) LTD., Winnipeg; Omaha, Nebraska

FASHION GRILLES DIVISION, Toronto

HIALCO MFG. DIVISION, Port Coquitlam, B.C., Kelowna, B.C.

INDAL PRODUCTS LIMITED
REBMEC DIVISION,
Toronto, Moncton, N.B.
TRAILWIND DIVISION, Toronto
LITE METALS DIVISION,
Mississauga
MARINE DIVISION, Toronto

INDALEX LIMITED,
Toronto, Montreal, Calgary,
Port Coquitlam, B.C.

McKNIGHT WINDOW INDUSTRIES LIMITED, Toronto

NORTH AMERICAN
DIE CASTING CORP.,
Fredericksburg, Virginia

RAM PARTITIONS LIMITED,
Toronto

RIO INDAL, INC., Cleveland, Ohio

TEMPGLASS LIMITED,
Toronto

THERMA-TRU LIMITED,
Toronto

WESTERN ALUMINUM
PRODUCTS DIVISION,
Calgary, Edmonton, Grande Prairie,
Kamloops, Prince George,
Saskatoon, Thunder Bay

WESTLAND METALS LTD., Vancouver, Calgary, Edmonton

## Introduction

Raw materials of the Indal Group

Indal Canada Limited and the Indal Group of companies were founded in 1964 by Pillar Limited, now RTZ Europe Limited of London, England. In that year, Pillar acquired the Toronto-based aluminum extruding company which is now Indalex Limited and Westland Metals Ltd., a Vancouver company engaged in the cold rollforming of roofing and siding. The Group has since grown rapidly by fabricating aluminum products and implementing a program of diversification, acquisition and vertical integration. In 1969, shares of Indal were sold to the public and they are now listed on the Toronto and Montreal stock exchanges. At the end of 1973, the Indal Group consisted of 28 companies and divisions employing almost 2,000 people and with annual sales totalling in excess of \$100 million.

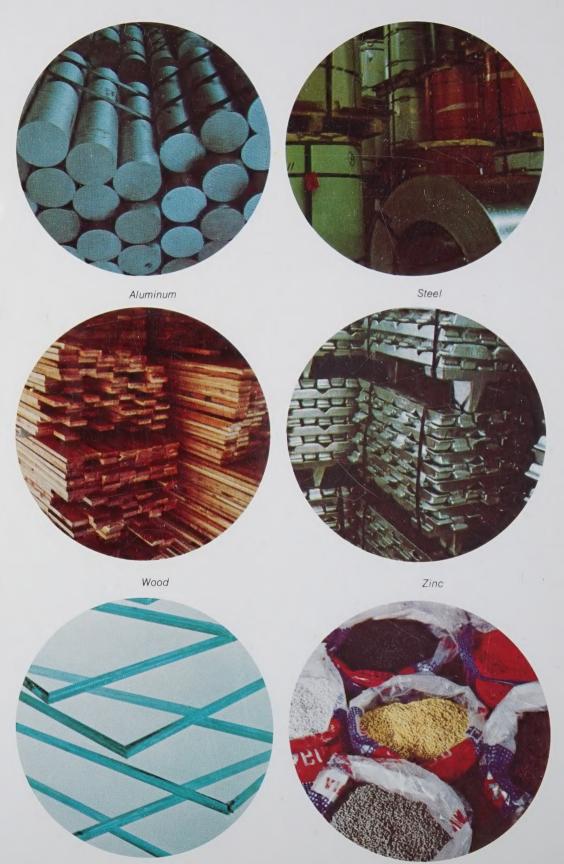
The Group is Canada's largest independent producer of aluminum extrusions and a leading secondary manufacturer of aluminum products for the home improvement and consumer markets, the building construction industry and custom engineered aluminum products.

#### Diversification

Since 1968, diversification and vertical integration have moved the Group into the production of wood prime windows, steel

entrance doors and recycled automobile bumpers and made it a leading supplier of metal stampings and non-powered materials handling products for the U.S. automotive industry. New companies have also been formed to manufacture components for the products of several Indal companies. These include zinc die castings for the hardware on doors and windows, custom roll formed steel, tempered safety glass and glass sealed units. An Indal company established in 1973 is now one of Canada's largest producers of safety glass for shower tub enclosures, patio doors, storm doors and other building products.

Home improvement and consumer product sales account for almost a quarter of the total generated by the Group's manufacturing subsidiaries and divisions. Automotive products, including recycled bumpers, represent just under the same proportion. Construction products account for approximately 45 per cent of the total product sales and design engineering and miscellaneous products for approximately 8 per cent. Apart from manufactured products, the Group has substantial sales from the metal trading operations of Rio Indal Inc., Cleveland, Ohio.



Glass

Plastics



## **Extrusions**

Aluminum extrusions for Indal Group companies and third parties are produced by Indalex Limited.

In addition, the company anodizes aluminum extrusions, colour-finishes them on automated paint lines and operates a Fabricating Department to semi-process extrusions and complete end-products for customers.

With plants in Montreal, Toronto, Calgary and Vancouver, Indalex was the first company to extrude aluminum in four provinces. This decentralized operation ensures prompt and efficient service, including delivery of extrusions within five to seven days of receipt of an order and approval of designs.

#### **Hundreds of Dies**

Hundreds of different dies and a total of six presses are used to extrude aluminum at the four Indalex plants. The extrusions form building and construction products, mobile homes and trailer parts, components for furniture, recreational products and other items. Each plant maintains a fleet of modern trucks to speed finished extrusions to customers.

The total annual extruding capacity of the four plants is more than 60 million pounds. This is almost ten times the total in 1964, the year that Indalex became an Indal Group company.

## **Colour Finishing**

Three of the four Indalex plants – those in Toronto, Calgary and Vancouver – are

equipped with the latest facilities to produce clear anodized extrusions. Their processing equipment also includes tanks for application of the patented "Anolok" system for finishing extrusions in various bronzes and blacks. Baked enamel finishes are applied to extrusions at all four plants by automated paint lines incorporating advanced systems of electro-static painting. "Duracron" acrylic enamel is the standard finish given all the extrusions sent through the pre-treatment stations, spray booths and bake ovens comprising these paint lines.

#### **Fabricating**

The Fabricating Department at Indalex cuts, drills, punches and polishes extrusions to meet customers' specifications. More and more manufacturers using extrusions as components are taking advantage of this service to save "costs of possession" of the equipment involved and to free their production lines for other operations. In Toronto, Indalex recently doubled the size of its Fabricating Department and added new equipment for semi-processing extrusions. As a result of the expansion, the company is able to undertake more complete fabrication of products using aluminum extrusions as major components. For example, it is currently producing hundreds of telephone booths annually for the Northern Electric Co. Ltd.



Extruding aluminum at Calgary plant of Indalex

Photo left: Products of Indalex including anodized aluminum, fabricated products and (centre foreground) a variety of custom-shaped extrusions.

## Home Improvement and **Consumer Products**





components and steel entrance door.

Aluminum windows, storm doors and aluminum ladders head the Indal Group's catalogue of home improvement and consumer products. The Group also produces aluminum boats and canoes, a broad variety of building products for use inside and outside the home, baggage doors and other components for trailers.

The Rebmec Division of Indal Products, Toronto, and the Western Aluminum Products Division, Calgary, and the Hialco Mfg. Division, Vancouver, fabricate aluminum windows and storm doors. Each of these Divisions completes up to four windows a minute and a storm door every 30 seconds.

Building supply companies, chain stores and department stores purchase most of the output and some of Canada's bestknown retail organizations market the windows, storm doors and ladders through their sales catalogues.

## **Largest Producer**

The Lite Metals Division of Indal Products is Canada's largest producer of a complete range of domestic and industrial aluminum extension and step ladders. Its Mississauga. Ont., plant uses a patented system of joining rungs and rails and produces each type of ladder in several models and varying lengths. Tests have demonstrated that the rung-to-rail joints are stronger than the standards prescribed by government and industrial safety engineers. The Trailwind Division of Indal Products, and Western Aluminum Products, Calgary, produce aluminum windows, baggage doors and accessories for the mobile home and recreational vehicle industry.

Both companies have succeeded in capturing substantial shares of a market formerly dominated by U.S. suppliers.

Another Toronto operation, Fashion Grilles Division, produces most of the Group's miscellaneous home improvement products. Its hundreds of different items range from aluminum car ports and shower-tub enclosures to aluminum railings and ornamental door grilles.

Aluminum double insulated patio doors and mirrored wardrobe doors are other home improvement products of the Indal Group. Both are fabricated by Brampton Aluminum Products, Brampton, Ont. Simulated wood mouldings made by Celwood Plastics, Toronto, from vinyl extrusions were introduced in 1973.

#### **Aluminum Boats**

Indal entered the aluminum boat industry when it acquired Fabricated Steel Products. Windsor, in 1972. Its Thornes line of boats and canoes is now manufactured at the Toronto plant of Marine Division for sale to consumers through leading department stores and marine dealers. Minimum upkeep, easy handling and safety are characteristic of all models. The boats range in length from 12 to 15 feet. The Marine Division also sells Glastron fibreglass boats to marinas and other distributors in Ontario. It has the exclusive Ontario sales agency for the Glastron line.





## **Construction Products**

Construction products made by Indal Group companies are highly visible in many of Canada's most successful industrial parks and in many distinguished corporate and institutional buildings. They are also widely used by builders of commercial properties, residential sub-divisions, apartment blocks, hotels and mobile homes.

Cold rollformed aluminum and steel siding and roofing, prime aluminum windows and architectural components made from extrusions account for the largest proportion of the Group's sales to the construction market. Westland Metals, with plants in Richmond, B.C. and Calgary and Eastland Metals, with a plant in Mississauga, Ont., rollform steel to produce the siding and roofing. They are also leading producers of steel girts, purlins, steel studs and a complete range of downpipe and eavestroughs. Both companies have led in the introduction of steel siding featuring new contours and color ranges that enhance the appearance of industrial, mining and agricultural buildings. Their customers include general contractors, building supply companies, farm co-operatives, approved applicators and companies engaged in construction of pre-engineered or "packaged" buildings.

#### **Rollformed Sections**

Custom Rollforming, Toronto, specializes in the production of smaller cold rollformed sections. It designs and fabricates construction products to meet customers' specifications. Sophisticated tooling on its roll mills enables it to supply sections

which are drilled, slotted, mitred or further fabricated to suit requirements.

Western markets for prime windows are served by Dominion Bronze, Winnipeg, Western Aluminum Products, Calgary, and Hialco Mfg., Vancouver. These companies produce broad selections of standard wood and aluminum windows for residential building contractors and a variety of related products to meet specific construction or climatic requirements. These include hermetically sealed units, sliding aluminum windows, a unique vinyl prime and aluminum sash window and patio doors. The Calgary Division is also a large producer of windows for the mobile home industry. Besides supplying windows for residential construction projects, Dominion Bronze designs and fabricates window systems and architectural components for commercial and institutional buildings. Most of these components, including glazed curtain walling, are finished by anodizing or the patented "Anolok" process of colouring

#### **Prime Windows**

Alumiprime Division in Toronto is a leading supplier of prime aluminum windows for high rise apartment buildings and McKnight Window Industries, Toronto, produces prime wood windows for the housing construction market. Sealed glass units

for the Ontario market are produced by Airlite Glass, another Indal company in Toronto.

A complete line of stock length architectural components and entrance doors for stores and shopping malls is fabricated in Toronto by Commercial Aluminum, a company which also produces automatic door operators for stores and hospitals and other institutional buildings. Indal companies in Western and Eastern Canada are also leading producers of steel entrance doors installed by housing construction contractors. These include the Therma-Tru door previously imported from the United States.

#### Office Walls

The catalogue of Indal's construction products also includes demountable insulated walls for office buildings. They are products of Ram Partitions, Toronto, which also makes dividaires and free standing screens for use in landscaped offices.

There are also large quantities of hardware items, such as brackets, closers, locks and gussets. Many of these products are made in zinc die casting plants operated by Custom Zinc Die Casting, Toronto, and North American Die Casting, Fredericksburg, Virginia. The latter Company was Indal's first "start from scratch" operation in the United States.

#### Photos left:

Metal wall systems made by Eastland Metals and Westland Metals protect industrial, agricultural and mining buildings including these surface facilities at Inco's Shebandowan Complex in Ontario.

Dominion Bronze supplied windows and architectural components for head office of the Hudson Bay Company, Winnipeg, and window systems for Winnipeg Inn. Indal Group companies also fabricate prime wood and aluminum windows for residential construction projects.

## **Automotive Products**

Non-powered materials handling containers, metal stampings, assemblies and recycled automobile bumpers now account for more than 20 per cent of the Indal Group's total manufacturing sales by dollar volume.

Fabricated Steel Products ("Fabco") specializes in the production of the containers and stampings and a major percentage of its production is exported to automobile plants in the United States. Its heavy-duty steel containers move radiators, rear axle assemblies, engines and other car and truck components from feeder plant to assembly lines. They are designed to save space, position materials at convenient levels and reduce fatique. They help promote a natural flow of components from the storage areas to machine operators and assembly teams. As the containers are durable and eliminate the need for wooden boxes and pallets. they result in significant cost savings.

Fabco's metal stampings and stamped assemblies go into the bodies and under the hoods of many of North America's best-known automobiles and trucks. To meet the requirements of its customers, the company produces stampings by the hundreds of thousands on batteries of powerful presses, some of which are rated at 800 tons capacity.

#### **Bumper Recycling**

Bumper recycling is a relatively new industry which is contributing to the conservation of valuable materials. The two Fairmont Plating companies in the Indal Group recycle bumpers in their Edmonton and Winnipeg plants and market them through sales depots in Western Canada and U.S. border states.

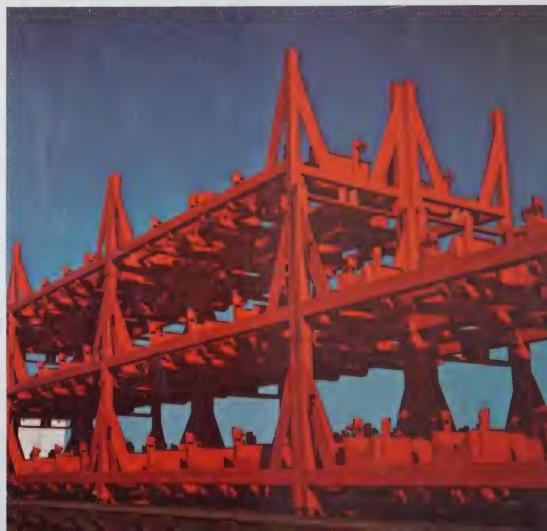
Bumper recycling by Fairmont Plating involves a sequence of rigidly controlled operations leading to production of finished products equal or superior to the original equipment. The bumpers are first reshaped and aligned on template jigs to ensure fit. The next steps are grinding to remove surface flaws and polishing to impart a handcrafted appearance. The final nickel-chrome plating adds a bright lustre and smooth surface free of finishing lines. Inspection ensures that the plating is of sufficient thickness to meet anti-corrosion specifications.

Photos right:

Auto body shop fits re-cycled bumper from Fairmont Plating.

Heavy duty containers from Fabco for U.S. automobile plants.





# **Custom Engineered Products**

An internationally successful Indal Group product is a telescopic aluminum hangar for helicopters on coast guard and naval vessels. More than 120 are in service on Canadian, U.S., Indian, Iranian and Italian ships and others will be installed on the newest destroyers now under construction in U.S. shipyards.

The hangars were designed and fabricated by Dominion Aluminum Fabricating (DAF), an Indal Group company which specializes in structural aluminum design and fabricating. They protect helicopters from sea spray corrosion and, through their telescoping action, provide deck space for take-offs and landings. They can be used in conjunction with a patented helicopter flydown and rapid securing system.

## **Original Products**

DAF's business consists largely of creating original aluminum products to solve problems brought to its design and engineering staff by industrial concerns and government agencies. Pipe trestles for distilleries and

chemical plants, frames and supports for automated electric signs and a 150-foot diameter aluminum dome for a pulp mill at Grande Prairie, Alberta, are some of the products recently produced in its Toronto plant. Flag poles at Toronto's International Airport, trusses supporting overhead signs on expressways, and street lighting standards are other DAF products.

The design and engineering staff of this Indal Group company is experienced in viewing assignments from many angles. The intended function of a product, the conditions under which it may be assembled or erected in the field, aesthetic considerations and maintenance costs are some of the factors which may influence its final design. Value engineering is also stressed to ensure that every solution to customers' problems will be economical as well as practical.



Aluminum dome for Procter and Gamble plant at Grande Prairie, Alta., was designed and fabricated by Dominion Aluminum Fabricating.

## **Safety Glass**

One of Indal's newest products is tempered safety glass manufactured by a patented "roller hearth" method at Tempglass, Toronto. The Hazardous Products Act and National Building Code now require safety glass in patio doors, storm doors, tub and shower enclosures, store fronts and other home and commercial building products. The glass is designed to reduce the toll of 10,000 injuries — mostly to children — caused annually in past years by accidents with building glass.

The Indal Group is one of Canada's largest consumers of glass for the manufacture of home improvement and building construction products. The Tempglass facilities, which came "on stream" in November, 1973, ensure ample capacity to meet the increased demand for safety glass resulting from the new legistlation. The \$1,000,000 plant is supplying Indal companies and serving many customers outside the group. It produces safety glass in 12 standard sizes one-eighth of an inch thick and in six standard sizes three-sixteenths of an inch thick. The company also provides a custom service covering sizes measuring up to 34 x 120 inches.

#### **Pioneer Process**

Developed by Glasstech Inc., Ohio, and pioneered in Canada by Tempglass under an exclusive licensing arrangement, the "roller hearth" process transforms regular glass into tempered safety glass in a 209-foot long facility comprising ovenheating and cooling systems. The regular glass is first heated to a high temperature and then cooled by a controlled process that subjects it to repeated blasts of air at atmospheric pressure and temperatures. The resulting safety glass is four to five times stronger than ordinary glass. Should an accident result in breakage, the molecular tension set up during tempering causes it to crumble into harmless particles instead of shattering into dangerous splinters.



Tempered safety glass from Tempglass in shower enclosure.

Left: Harmless particles instead of dangerous splinters.



## Manufacturing

The Indal Group of companies operates 31 manufacturing plants based in the Montreal, Toronto, Windsor, Winnipeg, Calgary, Edmonton and Vancouver areas. These relatively small integrated manufacturing units enable Indal to give prompt and efficient service to customers in each region and help ensure that the Group's product lines meet the varying requirements of Canada's different geographical areas.

A restless quest for new products and better ways of producing existing lines also characterize Indal's operations. Modernization of facilities is a continuous process within the Group. Nine of the 28 Canadian plants began operations in 1973 - 74 as new ventures or as larger replacements of earlier facilities. Most of the others were expanded or updated during the previous five years. Another Indal manufacturing plant, the first outside Canada, was started in Fredericksburg, Virginia in 1973.

## **Highly Automated**

The most up-to-date equipment, much of it highly automated, contributes to the efficiency of the Group's manufacturing. Examples include the 2,000-ton extrusion press in the Indalex Toronto plant, the new cold roll mills in Westland Metals and Eastland Metals plants, 800-ton standing presses at Fabco and the automated melt boxes and machinery for zinc die casting. Wholly new processes have also been set up where appropriate. The Tempglass plant in Toronto was especially designed to house the patented roller hearth method of producing safety glass.

Huge presses at Fabco mass produce metal stampings for automobiles.

#### **Indal Data Centre**

Sophisticated electronic data processing equipment is also contributing to the efficiency of Indal plants. Five Group companies use the computers of the Indal Data Centre, Toronto, to achieve faster production of data and cost information for quotation purposes. Another program, designed specifically for Indal's door and window plants in Toronto, employs the computer to price and cost thousands of individual orders with differing specifications. The computer calculates the dimensions of the aluminum and glass, prints shop orders and labels, and calculates and prints the customers' invoices.

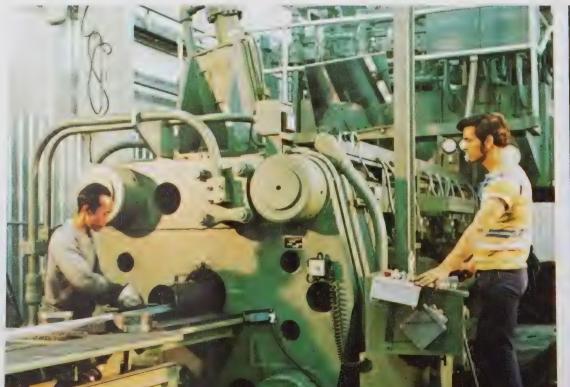
In addition to operating 31 plants in Canada and one in the U.S., the Group has 15 warehouses and sales offices located in Western Canada, bordering U.S. states and the Maritimes. A further measure of the scale of its operations is the fact that it is one of the largest buyers of billet and other products of Canada's primary aluminum industry. Its annual purchases of these items are now valued at more than \$12,000,000.

- Zinc die casting, Custom Zinc Die Casting, Toronto, North American Die Casting, Fredericksburg, Va.
- 2. Welding aluminum, Dominion Aluminum Fabricating,
  Toronto.
- 3. Custom rollforming, Custom Rollforming Company, Toronto.
- 4. Extrusion press, Indalex, Montreal, Toronto, Calgary, Vancouver.
  - 5. Aluminum boat production, Marine Division, Toronto.









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- 6. Forming sealed window unit, Western Aluminum Products, Calgary, Airlite Glass, Toronto.
- 7. Automatic glass washing in sealed unit plant.
- 8. Cold roll mill forms metal siding, Eastland Metals, Toronto, Westland Metals, Richmond, B.C.



Indal Products, Toronto





Commercial Aluminum, Toronto



Western Aluminum Products, Calgary



Eastland Metals, Mississauga, Ont.



Indalex, Calgary

## **Directory of Indal Canada Group Operations**

#### **Indal Canada Limited**

52 Arrow Road Weston, Ontario, M9M 2L8 Telephone: (416) 743-1400

#### **Airlite Glass Insulating Limited**

801 Flint Road
Downsview, Ontario, M3J 2J5
Telephone: (416) 661-0520
Products:

Sealed window units

## Alumiprime Division – Indal Canada Limited

40 St. Regis Crescent Downsview, Ontario, M3J 1Z2 Telephone: (416) 630-5760

Products:

Sliding patio doors
Aluminum prime windows
Installation service (primarily apartment units)

#### **Brampton Aluminum Products Limited**

2 Holtby Avenue Brampton, Ontario, L6X 2M1 Telephone: (416) 677-6922

Products:

Sliding patio doors
Double sliding patio doors (includes thermal-broken storm panel)
Sliding closet mirror doors
Tub and shower doors
Finishes: mill, anolok, anodized, baked acrylic enamel

#### Celwood Plastics Ltd.

2424 Finch Avenue West Weston, Ontario, M9M 2E3 Telephone: (416) 741-4960

Products:

Cellular PVC extrusions
Simulated wood mouldings
Vinyl profile extrusions
Flexible, semi-rigid, rigid extrusions
Dual durameter vinyl extrusions

#### **Commercial Aluminum Division**

240 Bartor Road Weston, Ontario, M9M 2W6 Telephone: (416) 742-6731

Products:

Aluminum commercial doors (all types in mill, anodized "Anolok" or baked

enamel finish) Store front systems Window wall systems

Guard rails
Buggy bumpers

Miscellaneous hardware components
Custom shearing and bending

Light metal fabrication to customer design

Aluminum extrusion stocklists

Automatic door operators for swinging

or sliding doors
Operator controls

## **Custom Rollforming Company Limited**

100 Brisbane Road Downsview, Ontario, M3J 2K3 Telephone: (416) 661-9783

Products:

Cold rollformed sections of steel and aluminum

Rollforming die designs

#### **Custom Zinc Die Casting Limited**

99 Brisbane Road

Unit #10

Downsview, Ontario, M3J 2K4-Telephone: (416) 630-7038

Products:

Zinc die cast hardware Door/window hardware Architectural components

Specialty parts

#### **Dominion Aluminum Fabricating Limited**

136 The East Mall

Toronto, Ontario, M8Z 5M2 Telephone: (416) 239-4855

Products:

Helicopter hangers

Helicopter haul-down system

Highway trusses
Aluminum railings
Light standards
Aluminum flag poles
Lookout towers

Aluminum welding service

Design engineering and custom fabricating

#### **Dominion Bronze Limited**

1111 Chevrier Boulevard Fort Garry, Winnipeg Manitoba, R3T 1Y2

Telephone: (204) 452-8007

Products:

Thermal wall windows Sealed window units

Railings

Jail equipment

Custom architectural products

Commercial entrance doors and frames

Sliding patio doors
Gratings and grilles

#### **Eastland Metals Ltd.**

6577 Northwest Drive Mississauga, Ontario, L4V 1L1 Telephone: (416) 678-2951

Products:

Industrial roofing and siding Agricultural roofing and siding

Metal roof deck

Farm ventilators and louvers Flashings, fasteners and accessories

Translucent fibreglass panels Industrial metal wall systems

Light metal fabrication to customer design

#### **Fabricated Steel Products (Windsor)** Limited

850 Division Road P.O. Box 1060, Windsor Ontario, N9A 6P7

Telephone: (519) 969-9580

Products:

Metal stampings and assemblies for automotive, agricultural and appliance

industries

Materials handling containers

Metal racks

Custom designed steel containers

Metal bins and boxes

### Fairmont Plating (Alta) Ltd.

5625 - 103A Street

Edmonton, Alberta, T6H 2J6 Telephone: (403) 434-1495

606 3rd Ave. S.W. Calgary, Alberta

Telephone: (403) 263-6178

1345 Lorne St.

Regina, Saskatchewan Telephone: (306) 527-4628 624 Ave. O South

Saskatoon, Saskatchewan Telephone: (306) 652-7171

4045 E. 2nd Ave. Burnaby, B.C.

Telephone: (604) 294-4774

Products:

Reconditioned automobile bumpers

Industrial platings

Sales only: automobile and truck radiators, cooling condensers

#### Fairmont Plating (Man) Ltd.

4 Chester Street

Winnipeg, Manitoba, R2L 1W7 Telephone: (204) 667-3590

4961 Center St. Omaha, Nebraska

Telephone: (402) 553-0240

Products:

Reconditioned automobile bumpers

#### **Fashion Grilles Division**

101 Brisbane Road

Downsview, Ontario, M3J 3K5 Telephone: (416) 661-9281

Products: Door grilles Push bars

Aluminum railings Aluminum columns

Shower and tub enclosures

Aluminum carports

Door and window hardware Weatherstrip and doorsweeps Jalousie window hardware Tapes, knives and cutters

Pop rivet tools Aluminum shutters Aluminum screen cloth Aluminum thresholds Locks and closers Shelf hardware

Miscellaneous screws, fasteners, etc.

#### Hialco Mfg. Division - Indal Canada Limited

1940 Kingsway, Port Coquitlam (Vancouver) B.C., V3C 1S5 Telephone: (604) 524-2231

1255 Ellis St. Kelowna, B.C.

Telephone: (604) 763-3735

Products:

Residential and medium duty high-rise

windows

Sliding patio doors Steel clad doors Residential railings Aluminum store fronts Door/window hardware

#### **Indalex Limited**

61 Arrow Road Weston, Ontario, M9M 2L6 Telephone: (416) 742-8821

114 Labrosse Boulevard Pointe Claire 730 (Montreal)

Quebec, H9R 1A1

Telephone: (514) 697-5120

3016 - 58th Avenue S.E. Calgary, Alberta, T2C 0B3 Telephone: (403) 272-8751

1930 Kingsway.

Port Coquitlam (Vancouver)

B.C. V3C 1S5

Telephone: (604) 942-6604

Products:

Aluminum extrusions - mill finish

Aluminum extrusions - duracon baked enamel finish

Aluminum extrusions - clear and coloured anodized finish

Extrusion fabrication to customer requirements (slotting, drilling, bending, etc.)

Architectural doors/windows Entrances and framing Architectural hardware

Trim sections

#### **Lite Metals Division – Indal Products** Limited

2300 Haines Road Mississauga, Ontario, L4Y 1Y6 Telephone: (416) 277-3691

Products:

Full range of aluminum step ladders Aluminum extension ladders

Multi-use ladders Platform ladders Stabilizers

#### Marine Division - Indal Products Limited

350 Clayson Road Weston, Ontario, M9M 2L5 Telephone (416) 742-6990

Products:

"Glastron" fibreglass speedboats Aluminum utility and cartop boats and canoes.

#### **McKnight Window Industries Limited**

675 Fenmar Drive Weston, Ontario, M9L 1C8 Telephone: (416) 749-4600

Products:

Wood windows, vinyl clad Wood window frames Custom millwork Wood door frames and entrance units Sliding patio doors

#### North American Die Casting Corp.

1104 Summit Street Fredericksburg, Virginia 22401 U.S.A.

Telephone: (703) 371-9220

Products:

Zinc die cast hardware Door/window hardware Architectural hardware

#### **RAM Partitions Limited**

125 Oakdale Road Downsview, Ontario, M3N 1W2 Telephone: (416) 745-2244 *Products:* 

Movable partition systems
Panoram dividaires
Actionaire screens
Panoram enviramaire screens

## Rebmec Division – Indal Products Limited

350 Clayson Road Weston, Ontario, M9M 2L5 Telephone: (416) 742-6990

270 Baig Blvd.

Moncton, New Brunswick Telephone: (506) 855-5961

#### Products:

Aluminum storm doors – mill, baked enamel or anodized finish Aluminum storm windows – mill, baked enamel or anodized finish Residential prime windows – mill, baked enamel or anodized finish Aluminum patio doors – mill, baked enamel or anodized finish

#### Rio Indal, Inc.

1510 Investment Plaza Cleveland, Ohio 44114, U.S.A. Telephone: (216) 696-0050

Products:

Metals trading and stockists Aluminum ingots, billets Other non-ferrous metals

#### **Therma-Tru Limited**

1300 Ormont Drive Weston, Ontario

Products:

Residential steel doors – thermally broken prime doors

Double door units with side lights

Combination door units

## **Tempglass Limited**

131 Ormont Drive Weston, Ontario, M9M 2S5 Telephone: (416) 749-7932

Products:

Tempered safety glass in a range of sizes for patio doors, storm doors, tub and shower enclosures, etc.

## Trailwind Division – Indal Products Limited

52 Arrow Road Weston, Ontario, M9M 2L8 Telephone: (416) 742-3120

Products:

Miscellaneous trailer components and trims

Trailer and mobile home aluminum windows and doors
Hardware

# Western Aluminum Products Division – Indal Canada Limited

2110 - 48th Street S.E. Calgary, Alberta, T2B 2E5 Telephone: (403) 272-8871 1969 Ogilvie St.

Prince George, B.C. Telephone: (604) 562-4491

7705 Coronet Road Edmonton, Alta.

Telephone: (403) 466-2187

5000 Westsyde Road Kamloops, B.C.

Telephone: (604) 579-9231

221 Jessop Ave.

Saskatoon, Saskatchewan Telephone: (306) 374-6166

Box 576

Grande Prairie, Alberta Telephone: (403) 532-0201 430 South Waterloo St.

Thunder Bay, Ontario Telephone: (807) 344-6341 Products:

Aluminum prime windows
Sealed window units
Sliding windows
Aluminum prime windows
Steel doors
Mobile home components
Commercial doors
Patio doors
Wood windows

#### Westland Metals Ltd.

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Edmonton, Alberta Telephone: (403) 436-5560

Products:

Industrial roofing and siding Agricultural roofing and siding

Residential siding

Steel stud

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Aluminum roof shingles

Downpipe Eaves trough Grain bins

Translucent fibreglass panels

Farm gates
Fence posts
Structural sections
Key decking

Soffit Flashings, fasteners and Insulating

materials

Light metal fabrication to customer design



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